

Datasheet for ABIN7148764
anti-CAND1 antibody (AA 1150-1230)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	CAND1
Binding Specificity:	AA 1150-1230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAND1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cullin-associated NEDD8-dissociated protein 1 protein (1150-1230AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CAND1
Alternative Name:	CAND1 (CAND1 Products)
Background:	Background: Key assembly factor of SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complexes that promotes the exchange of the substrate-recognition F-box subunit in SCF

Target Details

complexes, thereby playing a key role in the cellular repertoire of SCF complexes. Acts as a F-box protein exchange factor. The exchange activity of CAND1 is coupled with cycles of neddylation conjugation: in the deneddylated state, cullin-binding CAND1 binds CUL1-RBX1, increasing dissociation of the SCF complex and promoting exchange of the F-box protein. Probably plays a similar role in other cullin-RING E3 ubiquitin ligase complexes.

Aliases: CAND 1 antibody, Cand1 antibody, CAND1_HUMAN antibody, Cullin associated and neddylation dissociated 1 antibody, Cullin associated and neddylation dissociated protein 1 antibody, Cullin associated NEDD8 dissociated protein 1 antibody, Cullin-associated and neddylation-dissociated protein 1 antibody, Cullin-associated NEDD8-dissociated protein 1 antibody, DKFZP434M1414 antibody, FLJ10114 antibody, FLJ10929 antibody, FLJ38691 antibody, FLJ90441 antibody, KIAA0829 antibody, p120 CAND1 antibody, TATA binding protein interacting protein 120A antibody, TBP interacting protein antibody, TBP interacting protein of 120 kDa A antibody, TBP Interacting Protein TIP120A antibody, TBP-interacting protein 120A antibody, TBP-interacting protein of 120 kDa A antibody, TIP120 antibody, TIP120 protein antibody, TIP120A antibody

UniProt: [Q86VP6](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

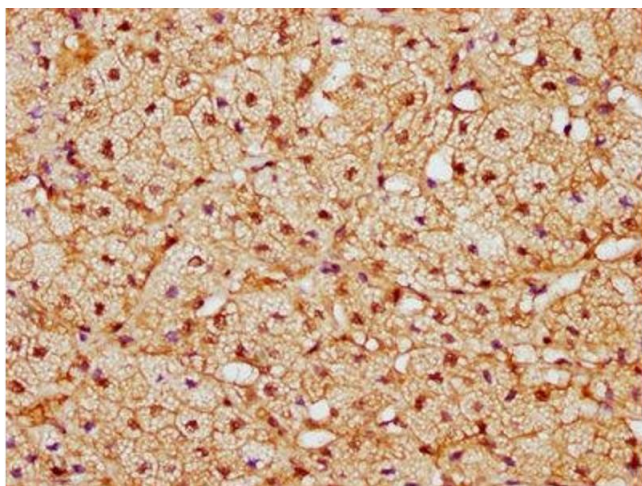
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

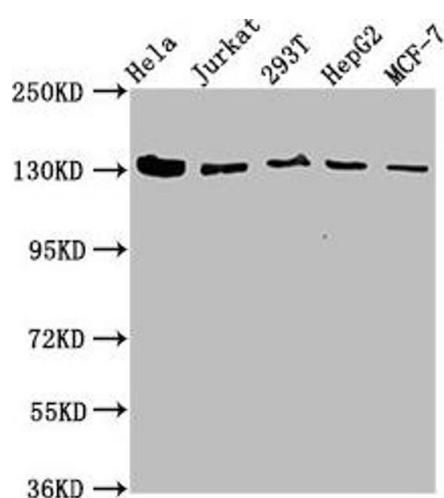
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



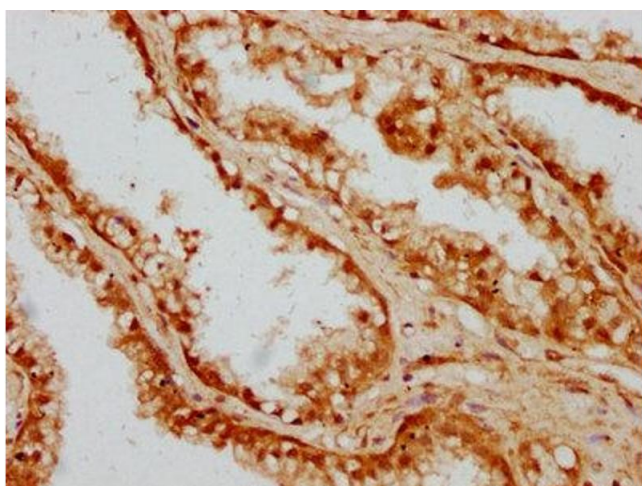
Immunohistochemistry

Image 1. IHC image of ABIN7148764 diluted at 1:300 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, Jurkat whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate All lanes: CAND1 antibody at 4.9 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 137, 118, 46 kDa Observed band size: 137 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7148764 diluted at 1:300 and staining in paraffin-embedded human prostate cancer tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7148764.